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UTILITY PATENT APPLICATION

Attorney Docket No.		M4065.0513/P513-A						
First Inventor		Hasan Nejad et al.						
Title	METHOD FOR FORMING MRAM BIT HAVING BOTTOM SENSE LAYER UTILIZING ELECTROLESS PLATING							

TRANSMITTAL TIME BUTTOM SENSE LAYER UTILIZING									
(Only for new nonprovisional applications under 37 CFR 1.53(b))		ELECTROLESS PLATING							
Express Mail Label No.									
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application co	ontents.	MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450							
X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Applicant claims small entity status.		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)							
See 37 CFR 1.27.		8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)							
3. X Specification [Total Pages 2	7]	a. Computer Readable Form (CRF)							
(preferred arrangement set forth below) - Descriptive litle of the invention - Cross Reference to Related Applications		b. Specification Sequence Listing on:							
Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table,		i. CD-ROM or CD-R (2 copies); or ii. Paper							
or a computer program listing appendix - Background of the Invention	1	c. Statements verifying identity of above copies							
Brief Summary of the Invention Brief Description of the Drawings (if filed)		9. Assignment Papers (cover sheet & document(s))							
Detailed Description Claim(s)		27 CFD 2 72/h) Statement							
- Abstract of the Disclosure	40].	(when there is an assignee) Attorney							
	13	11. English Translation Document (if applicable)							
· -	3 1	12. X Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations							
a. Newly executed (original or copy)		13. X Preliminary Amendment							
b. X Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)		14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)		15. Certified Copy of Priority Document(s) (if foreign priority is claimed)							
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.							
````		17. Other:							
6. Application Data Sheet. See 37 CFR 1.76									
18. If a CONTINUING APPLICATION, check appropriate box, specification following the title, or in an Application Data Sheet	and supp	ly the requisite information below and in the first sentence of the							
Continuation X Divisional Continuation									
Prior application information: Examiner Dun	g Anh L								
For CONTINUATION OR DIVISIONAL APPS only: The entire	e disclosu	re of the prior application, from which an eath or declaration is supplied							
under Box 5b, is considered a part of the disclosure of the acc reference. The incorporation <u>can only</u> be relied upon when a p	ompanying portion has	g continuation or divisional application and is hereby incorporated by s been inadvertently omitted from the submitted application parts.							
19. COI	RRESPO	NDENCE ADDRESS							
X Customer Number: 24998		OR Correspondence address below							
DICKSTEIN SHAPIRO MORIN Thomas J. D'Amico	HINSKY LLP								
Address 2101 L Street NW									
City Washington Sta	ate	DC Zip Code 20037-1526							
Country US Telephone		(202) 785-9700   Fax   (202) 887-0689							
Name (Print/Type) Thomas J. D'Amico		Registration No. (Attorney/Agent) 28,371							
Signature	5	Date January 22, 2004							

PTO/SB/17 (10-03)
Approved for use through 7/31/2006. OMB 0651-0032
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FEE TRANS	l l	Complete if Known								
FEE IRANS	. [	Application Number NOT YET ASSIGNED								
for FY 2	ſ	Filing Date				January 22, 2004				
		First Named Inventor				Hasan Nejad et al.				
Effective 10/01/2003, Patent fees are su							et Assigned			
Applicant claims small entity statu	Ì	Art Unit N/A								
TOTAL AMOUNT OF PAYMENT	(\$) 770.00	$\neg \neg$	Attorney Docket No. M4065.0513/P513-A							
METHOD OF PAYMENT (check	k all that apply)	1	FEE CALCULATION (continued)							
Credit Money										
Check X Card Order	3. A	3. ADDITIONAL FEES								
χ Deposit Account:	* *									
Deposit Account 04-1073		Large Fee	Entity	Smal Fee	I Entity Fee	-				
Account 04-1073 Number		Code	(\$)	Code			Fee Des	cription	Fee Paid	
Deposit Account Dickstein Shapiro Mo	orin &	1051	130	2051	65	Surcharge	- late filing fe	ee or oath		
Name Oshinsky LLP		1052	50	2052	25		Surcharge – late provisional filing fee or cover			
The Director is authorized to: (check all that						sheet.	heet.			
X Charge fee(s) indicated below X C	Credit any overpayments	1053	130	1053	130	Non-Englis	-English specification			
X Charge any additional fee(s) or any underp	ayment of fee(s)	1812	2,520	1812	2,520	For filing a	a request for ex parte reexamination			
Charge fee(s) indicated below, except for the	the filing fee	1804	920*	1804	920*	Requesting Examiner	ting publication of SIR prior to			
to the above-identified deposit account.	-	1805	1,840*	1805	1,840*	D	ng publication of SIR after			
FEE CALCULATIO	1251	110	2251	55		for reply within first month				
1. BASIC FILING FEE			420	2252	210	Extension	for reply withi			
Large Entity Small Entity	,	1253	950	2253	475	Extension	for reply withi	n third month		
Fee Fee Fee Fee Fee Descri	ption Fee Paid	1254	1,480	2254	740	Extension	for reply withi	n fourth month		
1001 770 2001 385 Utility filing f	ee 770.00	1255	2,010	2255	1,005	Extension	for reply withi	n fifth month		
1002 340 2002 170 Design filing	ı fee	1401	330	2401	165	Notice of A	ppeal			
1003 530 2003 265 Plant filing fe	ee	1402	330	2402	165	Filing a brid	ef in support o	of an appeal		
1004 770 2004 385 Reissue filin	· ——	1403	290	2403	145	Request fo	r oral hearing			
1005 160 2005 80 Provisional f	filing fee	1451	1,510	1451				olic use proceeding		
SUBTOTAL (1) (	(\$) 770.00	1452	110	2452	55		revive – unav			
2. EXTRA CLAIM FEES FOR UTILIT		1453 1501	1,330	2453 2501	665		on to revive - unintentional vissue fee (or reissue)			
	from	1502	1,330 480		665			ue)		
7	Fee Paid			2502	240	Design issu				
Independent	== ===	1503 1460	640 130	2503 1460	320	Plant issue				
Claims — — —	= 0.00	1807			130		the Commis			
Multiple Dependent = =			50	1807	50	_	ing fee under 37 CFR 1.17(q)			
Large Entity   Small Entity   Fee   Fee		1806	180	1806	180			on Disclosure Stmt		
Code (\$) Code (\$)	<u>escription</u>	8021	40	8021	40	property (ti	mes number	of properties)		
1202 18 2202 9 Claims in excess 1201 86 2201 43 Independent clair		1809	770	2809	385	Filing a sub (37 CFR 1.	omission after 129(a))	final rejection		
		1810	770	2810	385	For each a	dditional inve			
1204 86 2204 43 ** Reissue indepe	nt claim, if not paid	1801	770	2801			37CFR 1.129			
over original pa					385			xamination (RCE)		
1205 18 2205 9 ** Reissue claims and over origin.		1802 900 1802 900 Request for expedited examination of a design application								
<u> </u>		ee (spec								
\$UBTOTAL (2) (\$  **or number previously paid, if greater; For Re	*Redu	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00								
· · · · · · · · · · · · · · · · · · ·	Degistra	(Complete (if applicable))								
Name (Print/Type) Thomas J. D'Amico			Attorney/Agent) 28,371 Telephone (202)					(202) 828-2232		
Signature							Date	January 22, 200	14	